

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
717	109B-3	LOGAN	73	50
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

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Date 3/12/08

SOIL BORING LOG

ROUTE FAP 717 (IL 10) DESCRIPTION IL 10 over Deer Creek LOGGED BY M. Tappan

SECTION 109B-3 LOCATION SE 1/4, SEC. 25, TWP. 20N, RNG. 2W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	BORING NO.	STATION	Offset	Ground Surface Elev.	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	hrs.	Plugged	ft.	(ft)	(in)	(%)	(%)	(%)	(%)
054-0514	307+24	1 W. Abut	306+39	13.08 LT	592.4	578.3	577.0													
<p>Gray Moist SILTY CLAY (FI) w/ some CA-R</p> <p>Gray Wet SANDY GRAVEL (continued)</p> <p>Gray Med SANDY GRAVEL Washed</p> <p>Brown and Dk Gray Moist SILTY CLAY (FI)</p> <p>Washed</p> <p>V. Dk Gray Moist SILTY CLAY (FI)</p> <p>V. Dk Gray Moist SILTY CLAY (FI)</p> <p>V. Dk Gray Moist SILTY CLAY (FI)</p> <p>Gray Wet SANDY GRAVEL</p> <p>Gray Wet Coarse Sand Free Water</p> <p>Gray Med to Coarse SANDY GRAVEL</p> <p>Washed</p>																				

The Unconfined Compressive Strengths (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.R - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T295) BBS, from 137 (Rev. 8-99)

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054-0514	307+24	1 W. Abut	306+39	13.08 LT	592.4	578.3	577.0													
<p>Gray Wet SANDY GRAVEL (continued)</p> <p>Boring Completed</p> <p>Gray Moist CLAY LOAM Till Washed Drilled Hard</p> <p>Washed</p> <p>Washed</p> <p>Washed</p>																				

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COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	STATION	BORING NO.	STATION	Offset	Ground Surface Elev.	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	hrs.	Plugged	ft.	(ft)	(in)	(%)	(%)	(%)	(%)
054-0514	307+24	2 Pier	307+40	28.08 RT	586.6	579.3	577.9													
<p>Gray Moist SILTY CLAY</p> <p>Gray SANDY GRAVEL</p> <p>Gray Med to Coarse SANDY GRAVEL</p> <p>Gray Moist CLAY LOAM Till Drilled Hard</p> <p>Washed</p> <p>Gray Med SANDY GRAVEL Washed</p> <p>Washed</p> <p>Gray Med SANDY GRAVEL Washed</p> <p>Med in Coarse Washed</p>																				

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SOIL BORINGS 1
IL ROUTE 10 OVER DEER CREEK
F.A.P. ROUTE 717 SECTION 109(B-3)
LOGAN COUNTY STATION 306+89
STRUCTURE NO. 054-0514

USER NAME:	DESIGNED - RTM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORINGS 1 OF 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE:	DRAWN - MSD	REVISED -			717	109B-3	LOGAN	73	61	
PLOT DATE:	CHECKED - KEB	REVISED -			CONTRACT NO. 72A88					
	DATE -	REVISED -			FED. ROAD DIST. NO.	ILLINOIS	PROJECT			